

## SWP Water Quality Summary

August 19, 2004

**Total Dissolved Solids:** TDS dropped significantly below Article 19 Monthly Average Objective of 440 mg/l at all locations. For the past week, concentrations at Banks Pumping Plant, Checks 29, 41, Barker Slough and Vallecitos were all below Article 19 10 year Average Objective. The highest concentration of 257 mg/l occurred at Devil Canyon on August 18, 2004, while the lowest concentration of 122 mg/l occurred at Barker Slough on August 12, 2004.

**Bromide concentrations:** Similarly, bromide followed the same pattern as TDS. However, the highest concentration of 0.20 mg/l occurred at Devil Canyon on August 17, while Barker Slough had the lowest concentration of 0.021 mg/l on August 18, 2004, below the CBDA Objective.

**Turbidity:** Barker Slough decreased from 59 NTU on August 12 to 53 NTU on August 18, 2004. However, turbidity was unchanged at Banks Pumping Plant, Checks 29, 41, Devil Canyon and Vallecitos.

**Dissolved Organic Carbon:** DOC was slightly above the CBDA Objective of 3.0 mg/l at Banks Pumping Plant and Check 13 from August 4 to August 19, 2004. An increase to 3.4 mg/l occurred at Banks Pumping Plant on August 18, 2004. While concentration at Check 13 increased slightly above CBDA Objective of 3.0 mg/l.

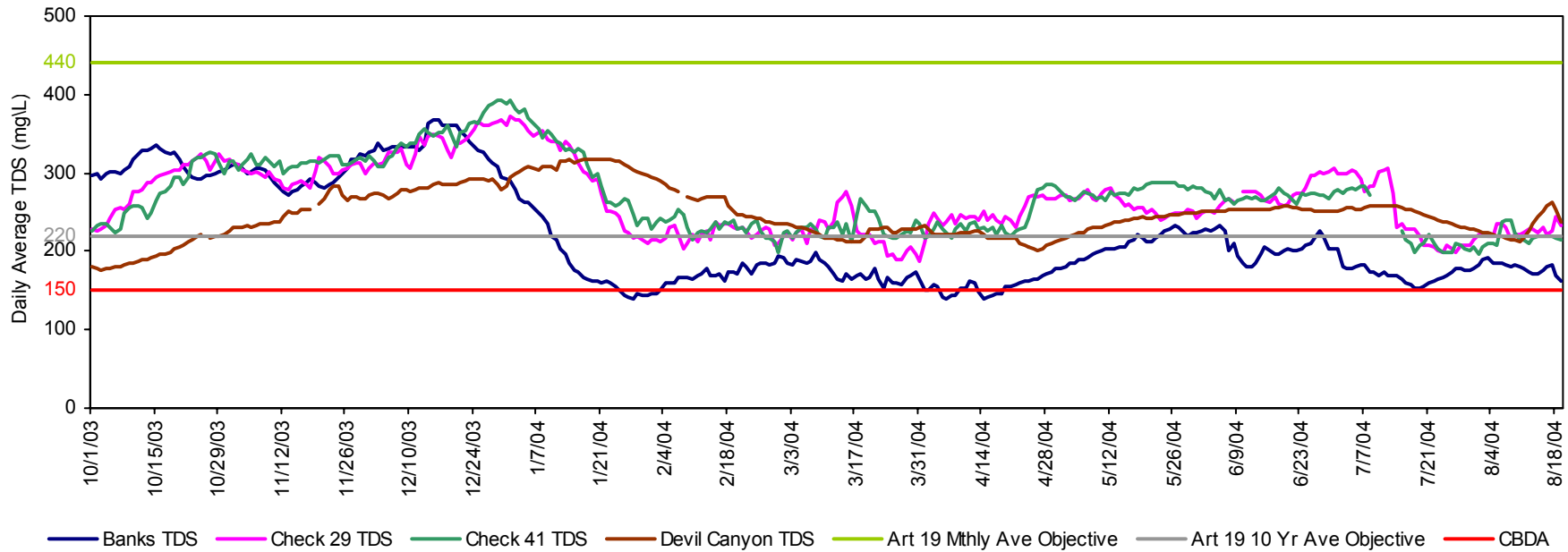
**Taste and Odor Compounds:** MIB and geosim in Clifton Court Forebay Inlet were similar to last week at 5 ng/l and 8 ng/l, respectively. MIB at Banks Pumping Plant was higher than the Inlet at 12 ng/l.

Dramatic reductions in MIB levels were recorded at Jones Tract. The concentration went declined from over 1000 ng/l on July 28 to 9 and 16 ng/l on August 16, 2004 in Upper and Lower Jones Tract discharge, respectively.

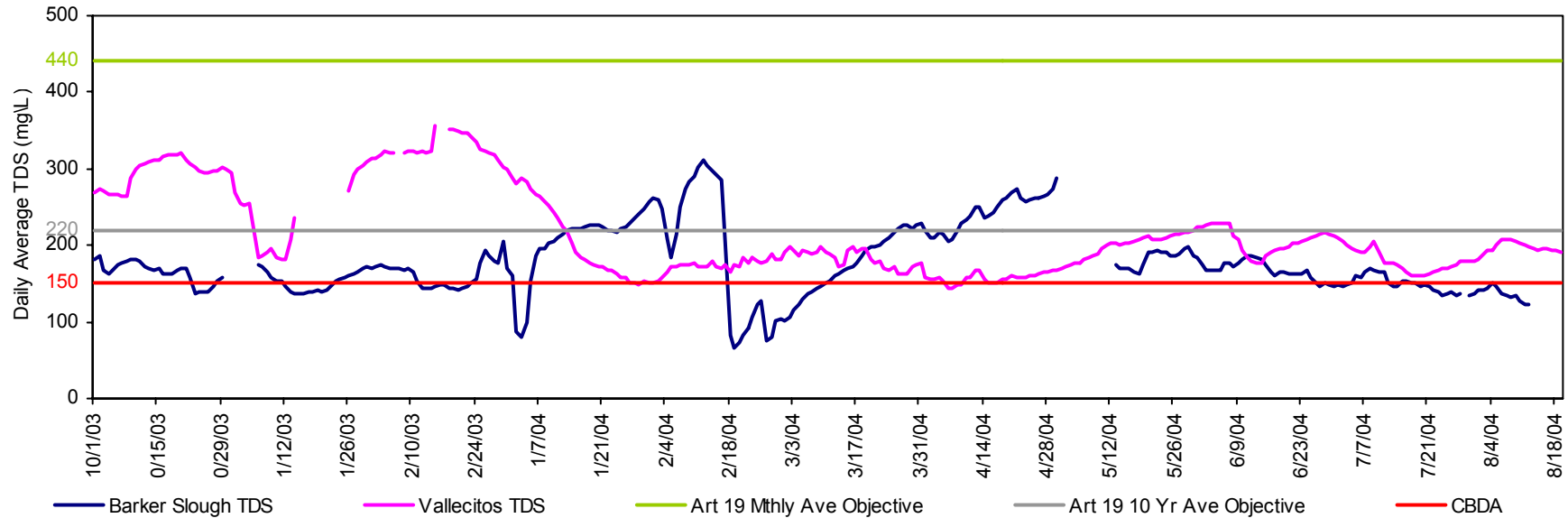
**Ground Water Pump-in:** Ground water pump-in from AEWS D continues.

For more information refer to: <http://www.mwq.water.ca.gov> and  
<http://www.dpl.ca.gov/supply/sampling/mwq/main.htm>

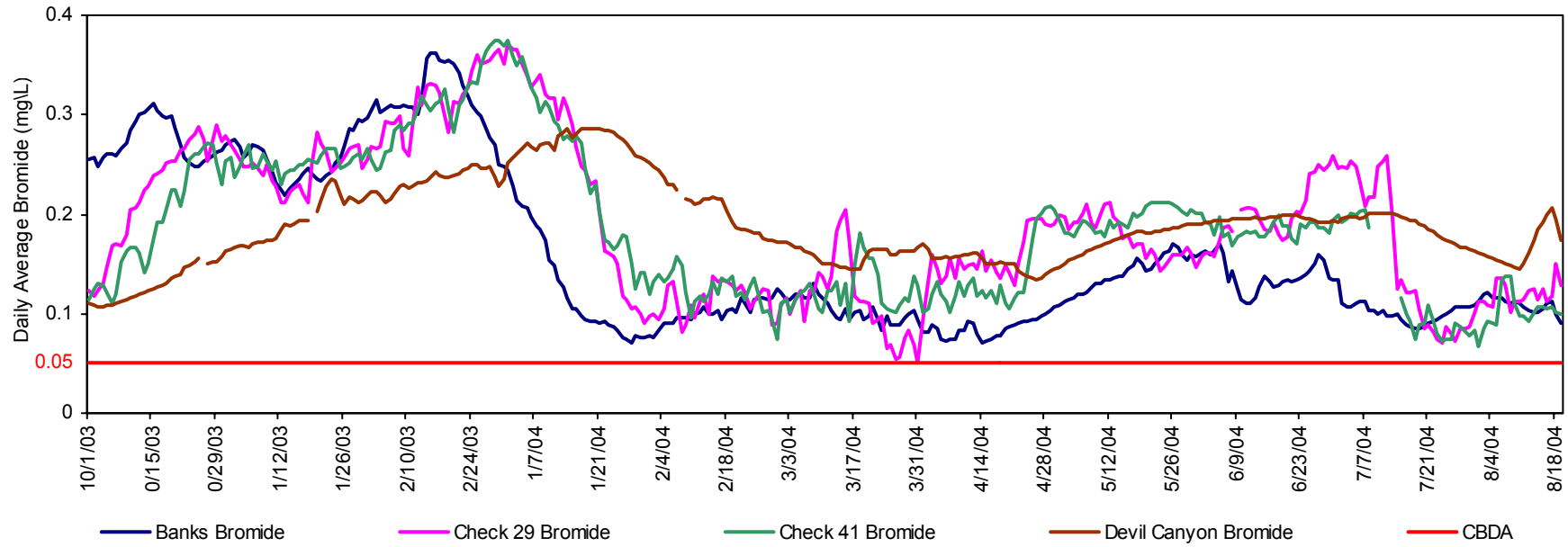
## California Aqueduct - Calculated Total Dissolved Solids



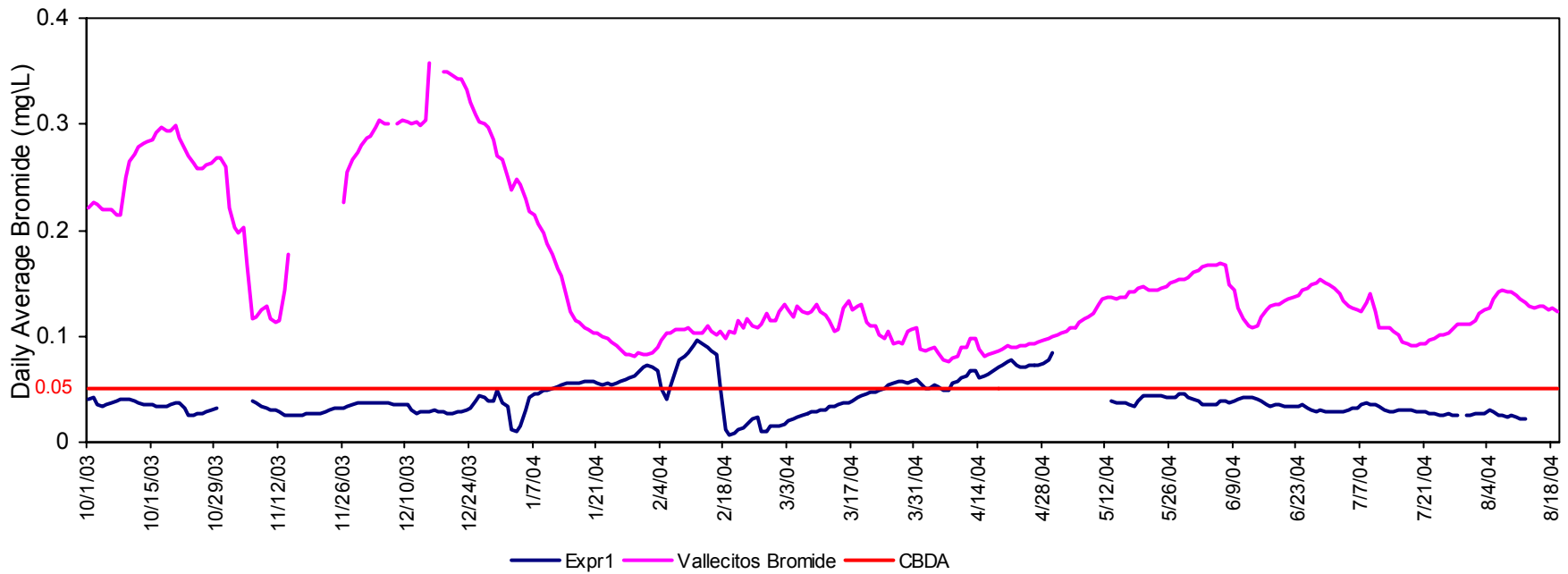
## North and South Bay Aqueduct - Calculated Total Dissolved Solids



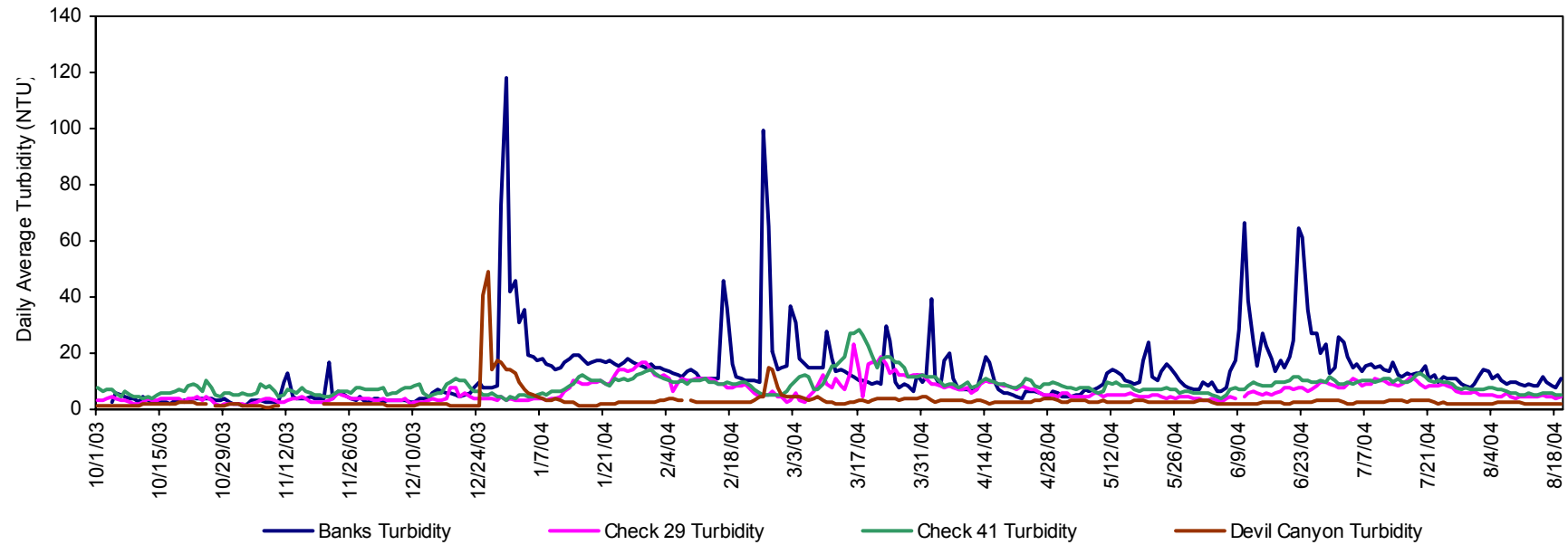
California Aqueduct - Calculated Bromide



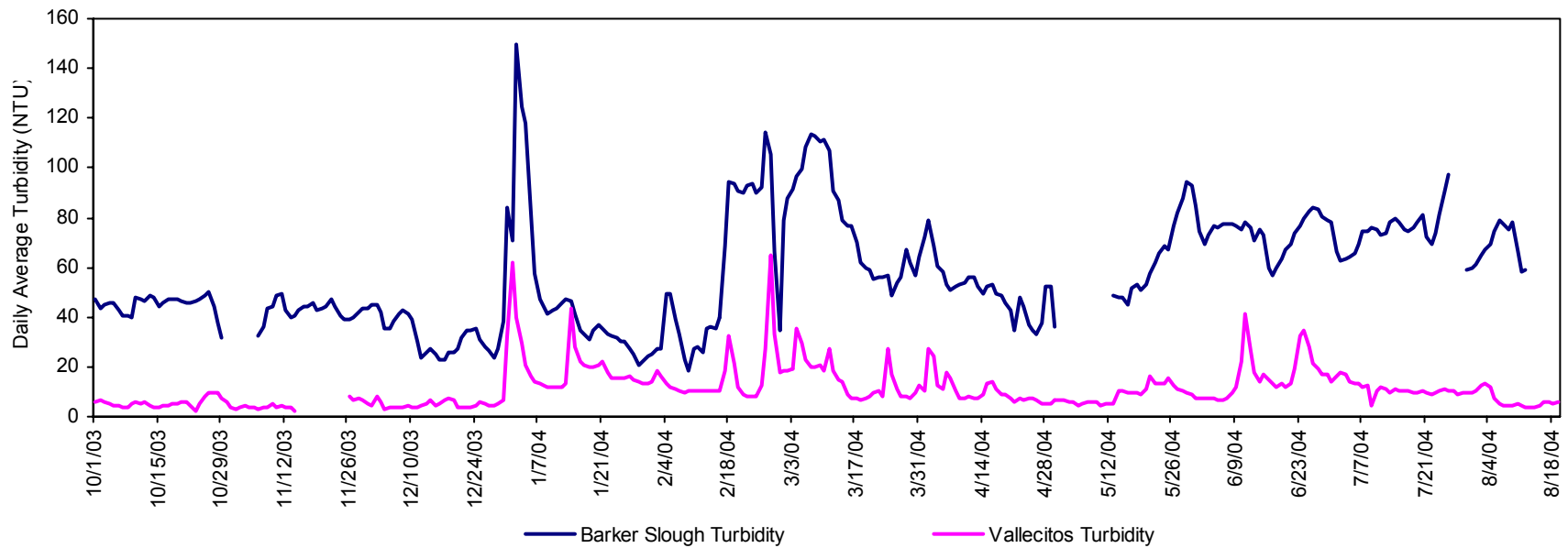
North and South Bay Aqueduct - Calculated Bromide



**California Aqueduct - Turbidity**



**North and South Bay Aqueduct - Turbidity**



California Aqueduct  
Calculated Dissolved Organic Carbon

